

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-09-18 14:00:42

Date of Next Testing: 2029-09-17 14:00:42

Product Name: **L-Ascorbic acid 6-palmitate**

CAS Number: 137-66-6

Specifications & Purity:  $\geq 99\%$

Lot #: I2509207

SKU #: **A104524**

Version: **2**

Analysis #: **537652**

Storage Temperature: Room temperature

| Parameter                                                | Limit Values          | Result                |
|----------------------------------------------------------|-----------------------|-----------------------|
| Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in EtOH})$ | 20-25 (°)             | 23.15800 °            |
| Loss on drying                                           | 0-0.2 (%)             | 0.10000 %             |
| Melting point                                            | 113-117 (°C)          | 113.37000 °C          |
| Ignition Residue (as sulfate)                            | 0-0.2 (%)             | 0.12000 %             |
| Assay                                                    | 99-100 (%)            | 99.10000 %            |
| Solubility in EtOH , clear,50mg/ml                       | pass                  | Pass                  |
| NMR Spectrum 1H                                          | Conforms to Structure | Conforms to Structure |



John Su  
QA & QC Manager